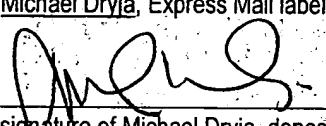
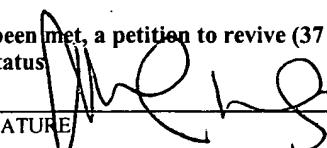


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 1-2003)		ATTORNEY'S DOCKET NUMBER BEA920010034US1
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/500524
INTERNATIONAL APPLICATION NO. PCT/US02/00541	INTERNATIONAL FILING DATE 1/2/2002	PRIORITY DATE CLAIMED 1/2/2002
TITLE OF INVENTION Verification of proper coupling of power line communication units to power circuits		
APPLICANT(S) FOR DO/EO/US Paul E. McKenney, Stuart A. Friedberg, Akimasa Fleshler, <i>Craig N. Butler</i>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) [COPY OF PREVIOUSLY SUBMITTED OATH/DEC]</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in</p> <p>18. <input type="checkbox"/> A second copy of the published international applica</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of</p> <p>20. <input type="checkbox"/> Other items or information:</p>		
<p>I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 in an envelope addressed to The Assistant Commissioner for Patents, PO Box 1450, Alexandria, VA 22313, on June 30, 2004, by Michael Dryja, Express Mail label no: ED041541836US.</p> <p> Signature of Michael Dryja, depositor</p>		

U.S. APPLICATION NO. OR INTERNATIONAL FILING NUMBER 107500524	INTERNATIONAL APPLICATION NO. PCT/US02/00541	ATTORNEY'S DOCKET NUMBER BEA920010034US1		
21. <input checked="" type="checkbox"/> The following fees are submitted:	CALCULATIONS PTO USE ONLY			
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :				
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO	\$1080.00			
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO	\$920.00			
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445 (a)(2)) paid to USPTO	\$770.00			
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)	\$730.00			
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)	\$100.00			
ENTER APPROPRIATE BASIC FEE AMOUNT =	\$ 730.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$ 0.00			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	20 - 20 =	0	X \$18.00	\$ 0.00
Independent claims	3 - 3 =	0	X \$86.00	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$ 0.00
TOTAL OF ABOVE CALCULATIONS =			\$ 730.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.			\$ 0.00	
SUBTOTAL =			\$ 730.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$ 0.00	
TOTAL NATIONAL FEE =			\$ 730.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			\$ 0.00	
TOTAL FEES ENCLOSED =			\$ 730.00	
			Amount to be: refunded	\$
			charged	\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.				
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>501336</u> in the amount of \$ <u>730.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>501336</u> . A duplicate copy of this sheet is enclosed.				
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.				
SEND ALL CORRESPONDENCE TO:				
<p>SIGNATURE  Michael A. Dryja NAME</p>				
<p>CUSTOMER NUMBER 23441 LAW OFFICES OF MICHAEL DRYJA</p>				
<p>704 228th Ave NE PMB 694, Sammamish, WA 98074 fax: 206-374-2819 tel: 425-427-5094</p>				
<p>39662 REGISTRATION NUMBER</p>				

**TRANSMITTAL LETTER TO THE
UNITED STATES RECEIVING OFFICE**

DT15 Rec'd PCT/PTO 30 JUN 2004

Date

International Application No.

Attorney Docket No.

10/500524

I. Certification under 37 CFR 1.10 (if applicable)

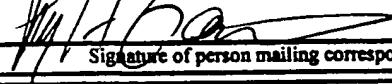
EV 007909095 US

Express Mail mailing number

2 January 2002

Date of Deposit

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.


Signature of person mailing correspondence

Pryor A. Garnett, USPTO Reg. No. 32,136

Typed or printed name of person mailing correspondence

II. New International Application

TITLE Verification of Proper Coupling of Power Line Communication Units to Power Circuits

Earliest priority date
(Day/Month/Year)

SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. The invention disclosed was not made in the United States.
- B. There is no prior U.S. application relating to this invention.
- C. The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)

application no.	filed on
application no.	filed on

- D. The present international application contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages _____ and DOES NOT ALTER MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application agencies under 35 U.S.C. 181 and 37 CFR 5.

OATH / DEC IN
THESE PAPERS

III. A Response to an Invitation from the RO/

- A. A Request for An Extension of Time to
- B. A Power of Attorney (General or Regular)
- C. Replacement pages:

pages	of the
pages	of the
pages	of the

D. Submission of Priority Documents

Priority document	Priority document
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E. Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. A Request for Rectification under PCT 91 A Petition A Sequence Listing Diskette

V. Other (please specify):

IBM CONFIDENTIAL

The person signing this form is the:

<input type="checkbox"/> Applicant	Pryor A. Garnett, USPTO Reg. No. 32,136
<input checked="" type="checkbox"/> Attorney/Agent (Reg. No.)	Typed name of signer
<input type="checkbox"/> Common Representative	Signature